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FIG. 1

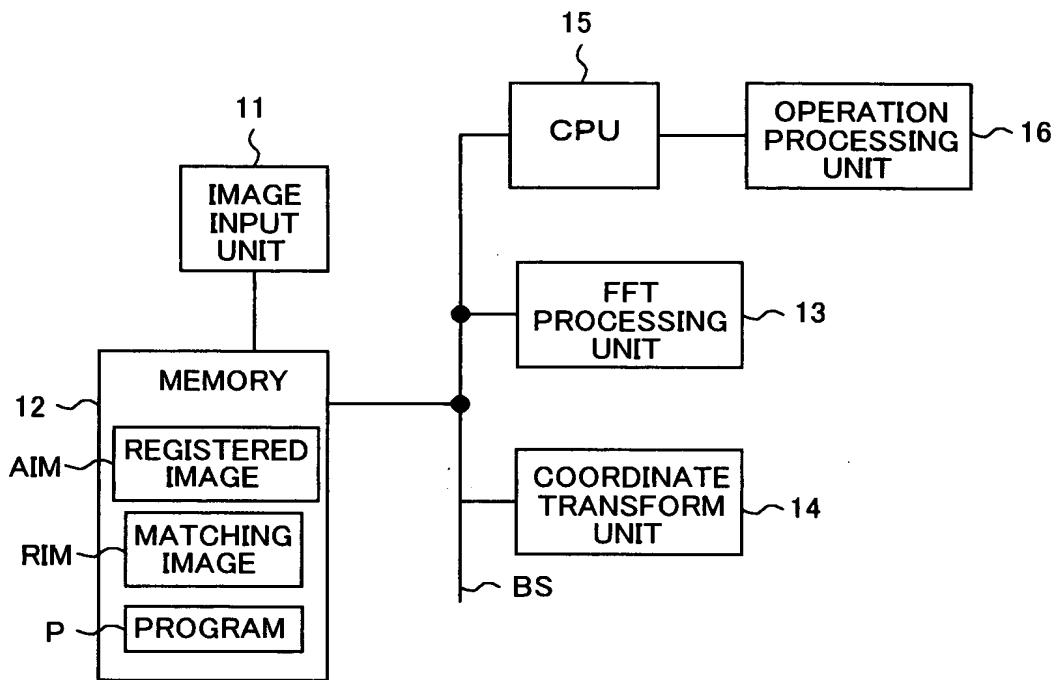
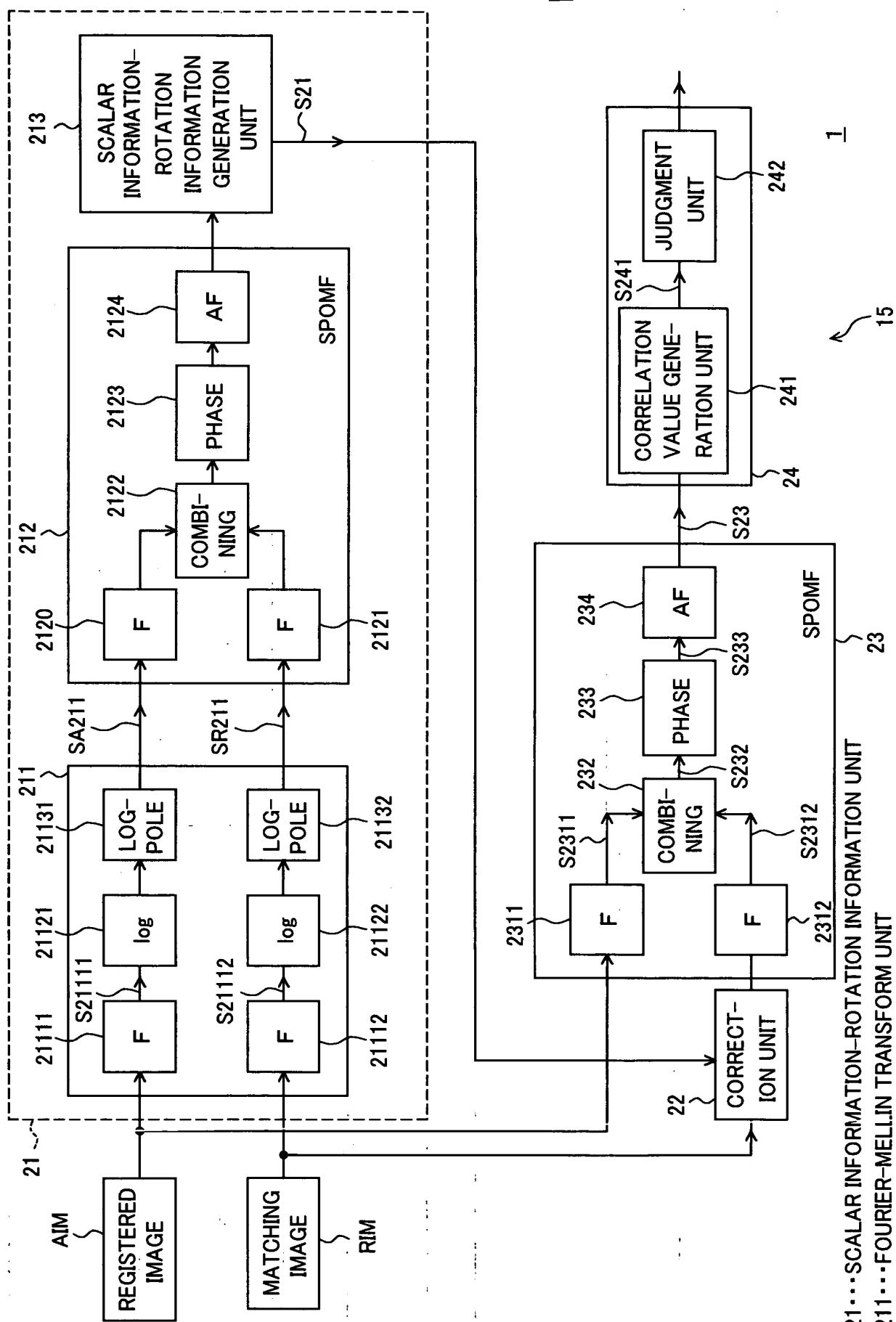


FIG. 2



21...SCALAR INFORMATION-ROTATION INFORMATION UNIT
211...FOURIER-MELLIN TRANSFORM UNIT
212...PHASE ONLY CORRELATION UNIT
23...PARALLEL MOVEMENT UNIT
24...MATCHING UNIT

FIG. 3

(POLAR COORDINATE TRANSFORM)

(TWO-DIMENSIONAL FFT)

(ORIGINAL IMAGE)

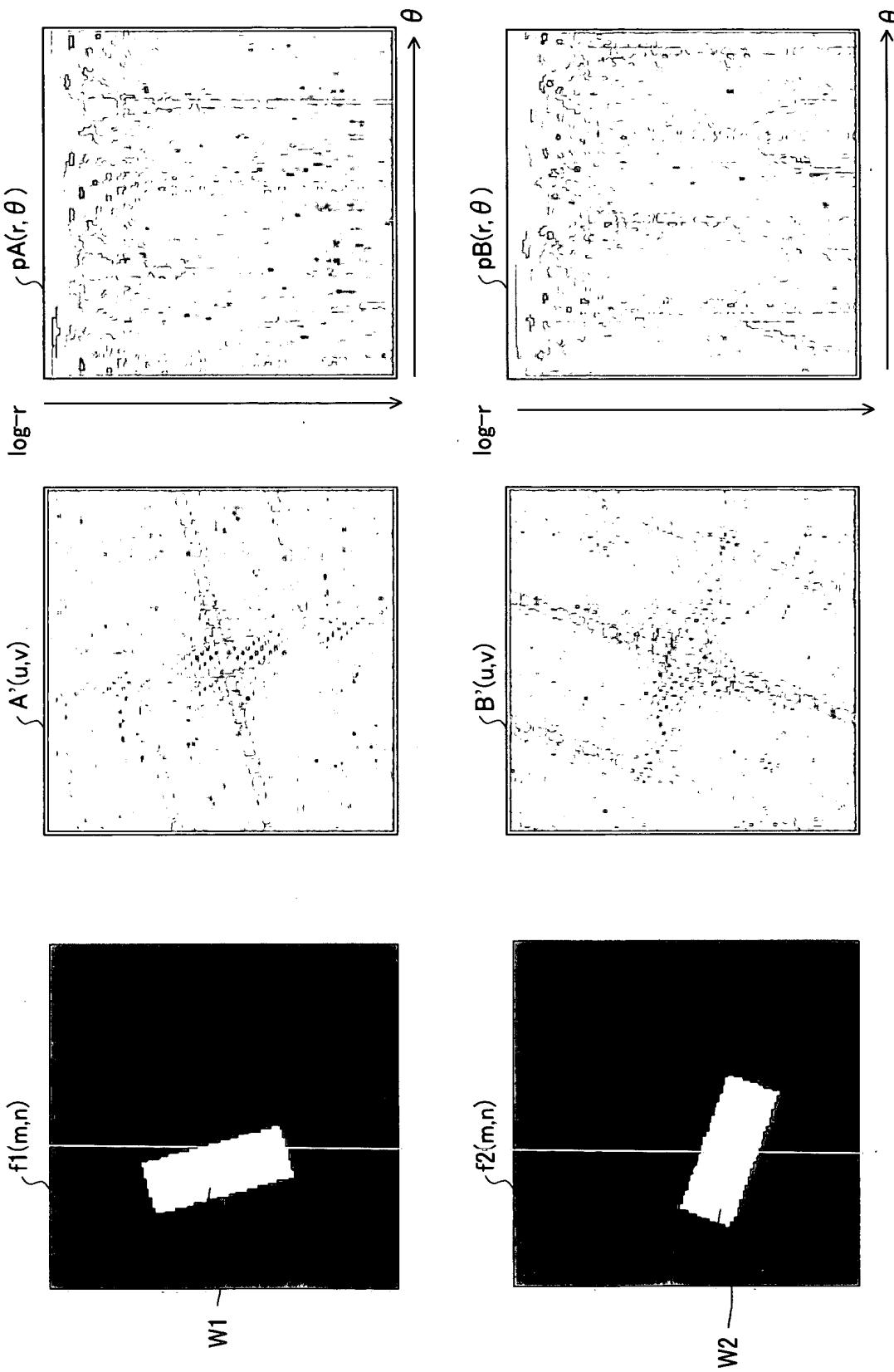


FIG. 4

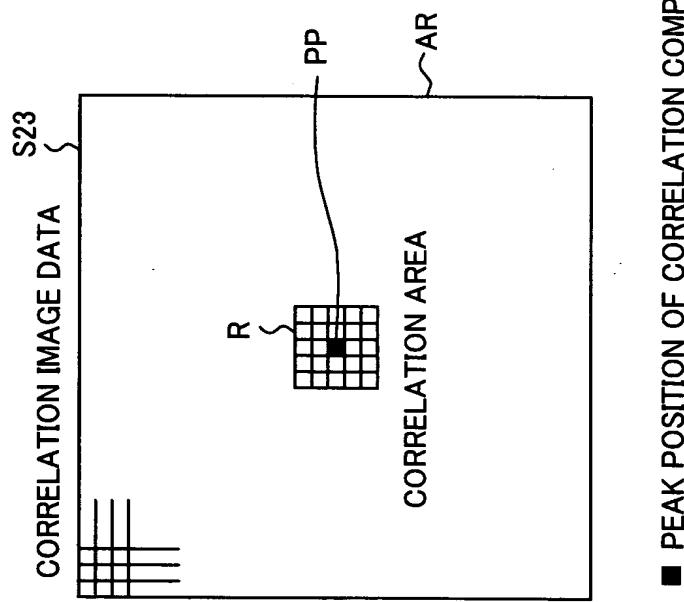
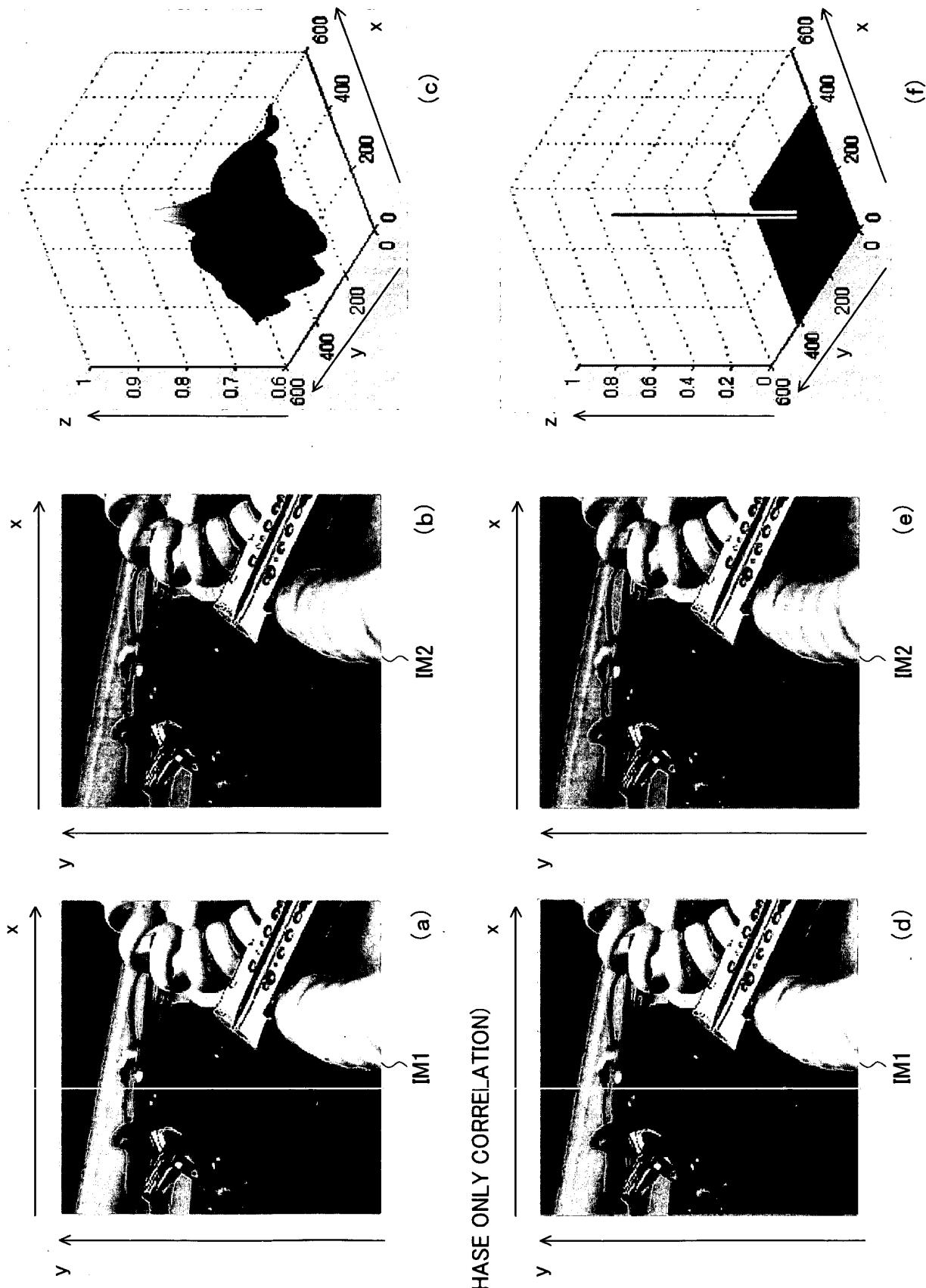


FIG. 5

(SELF CORRELATION)



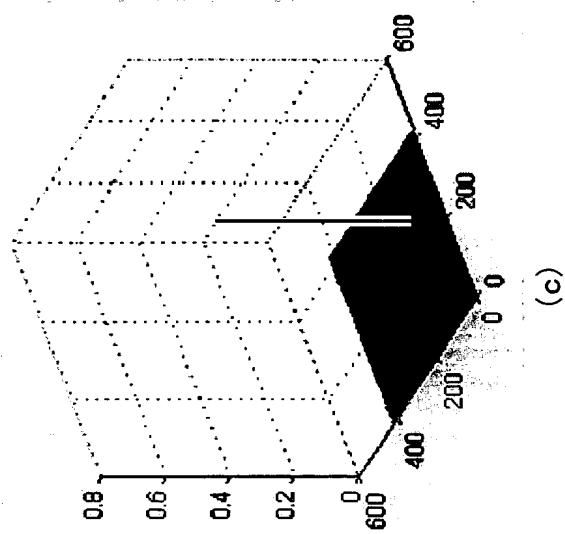


FIG. 6



FIG. 7

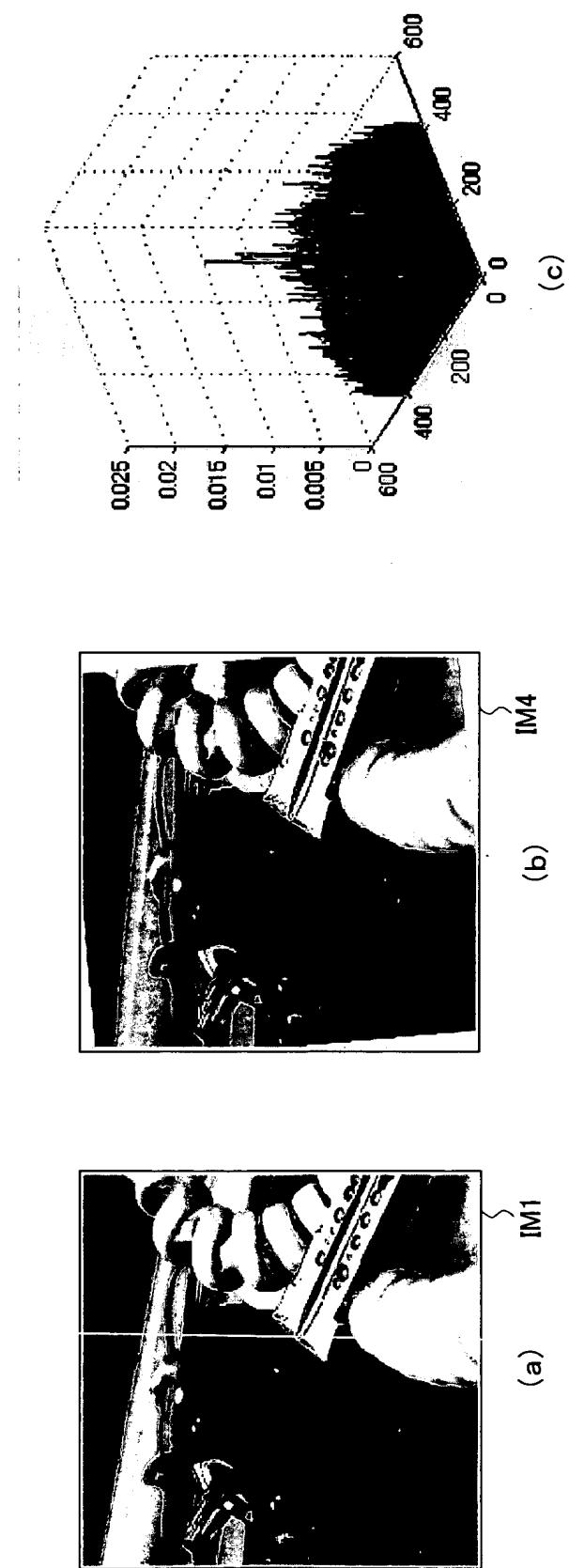
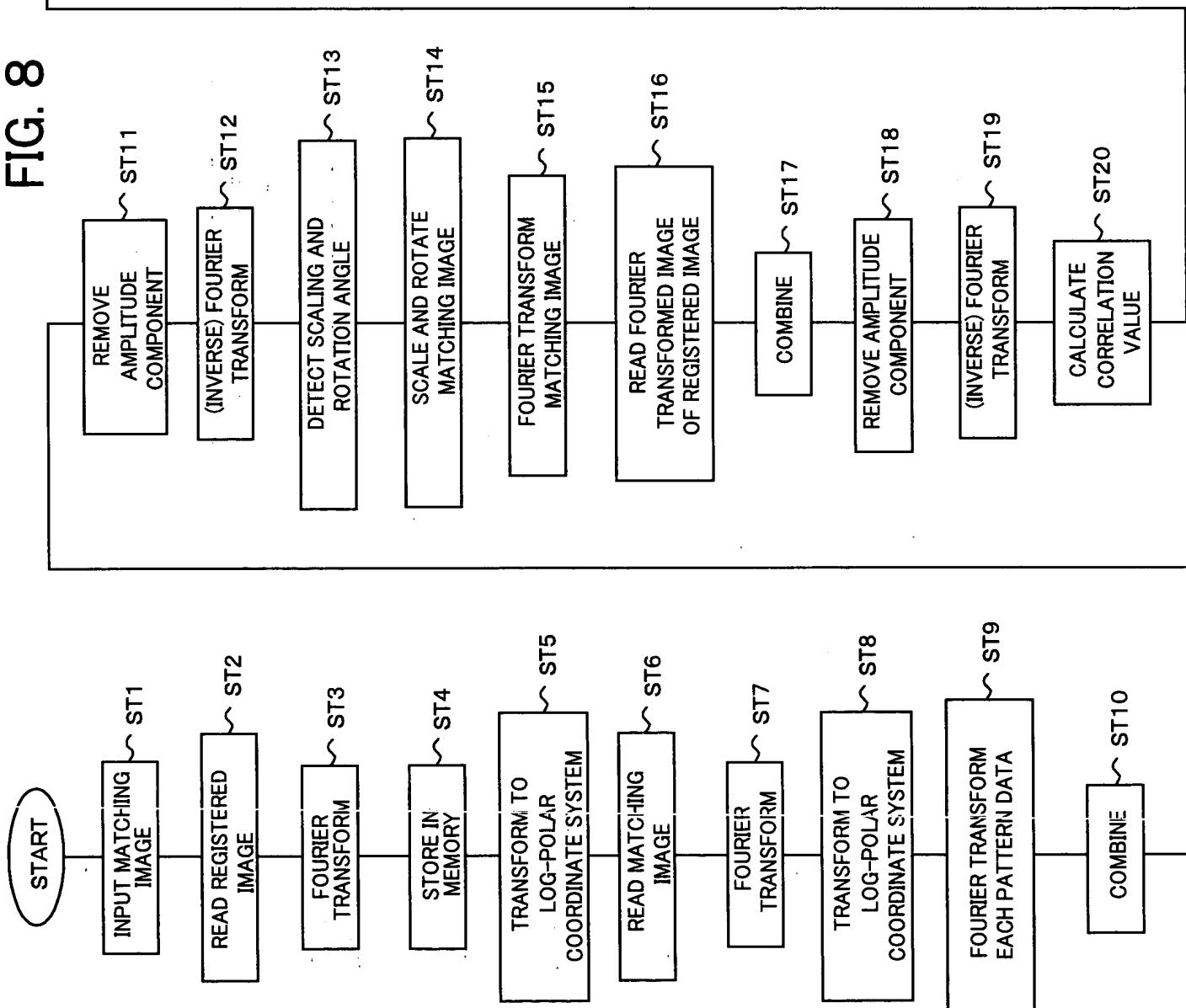


FIG. 8



RPOC AND FMI
(RPOC)

FIG. 9

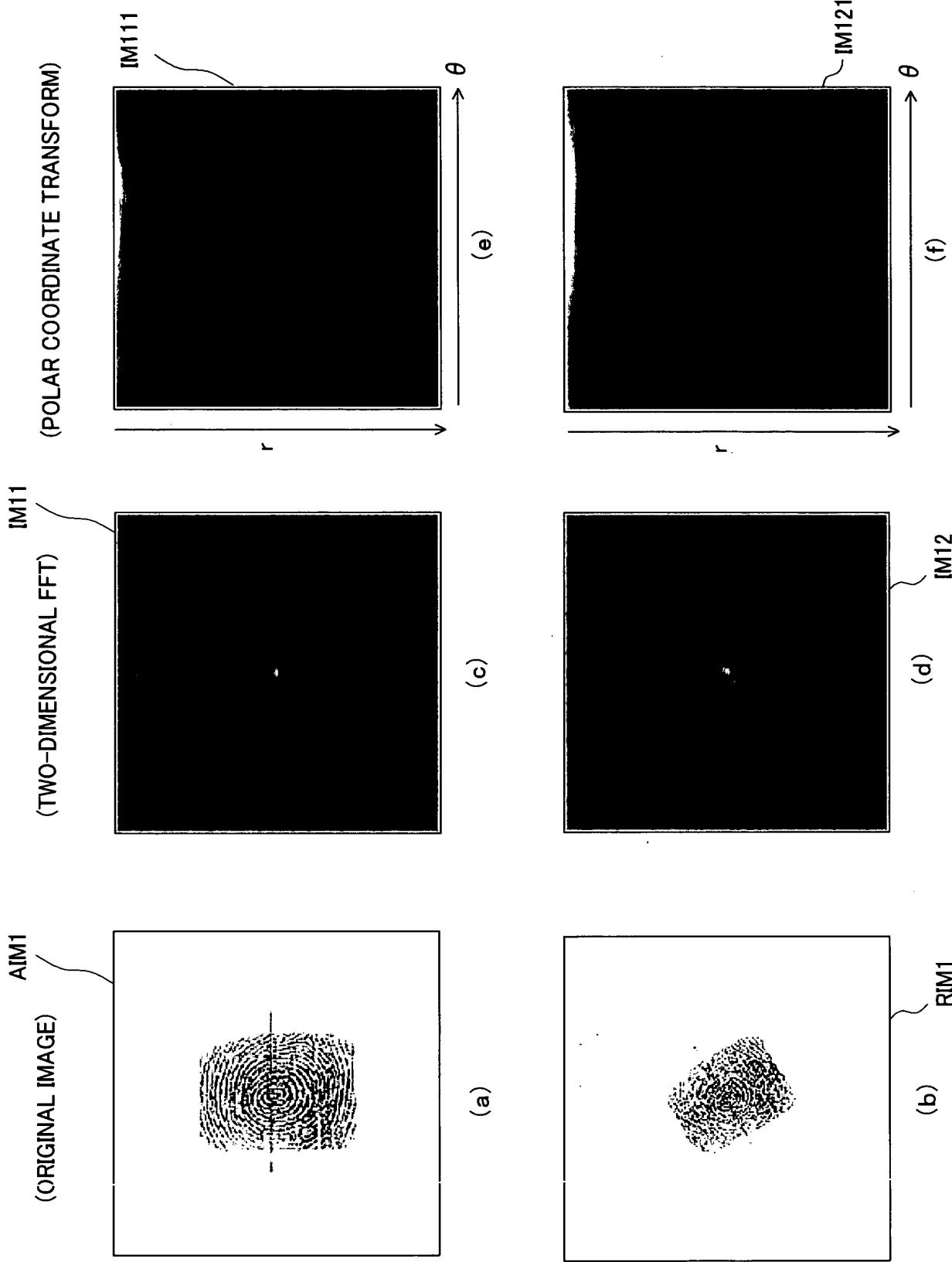


FIG. 10

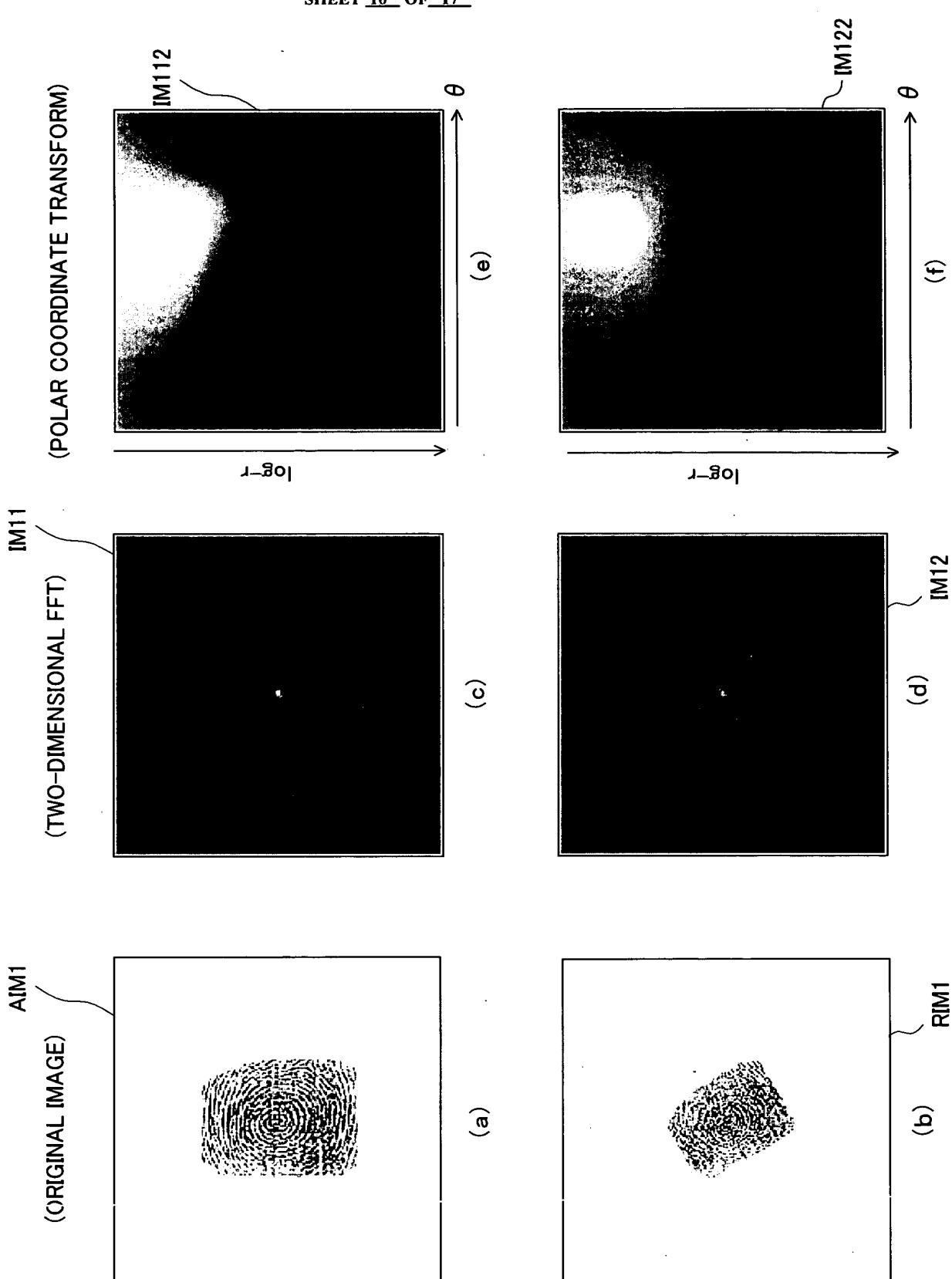


FIG. 1

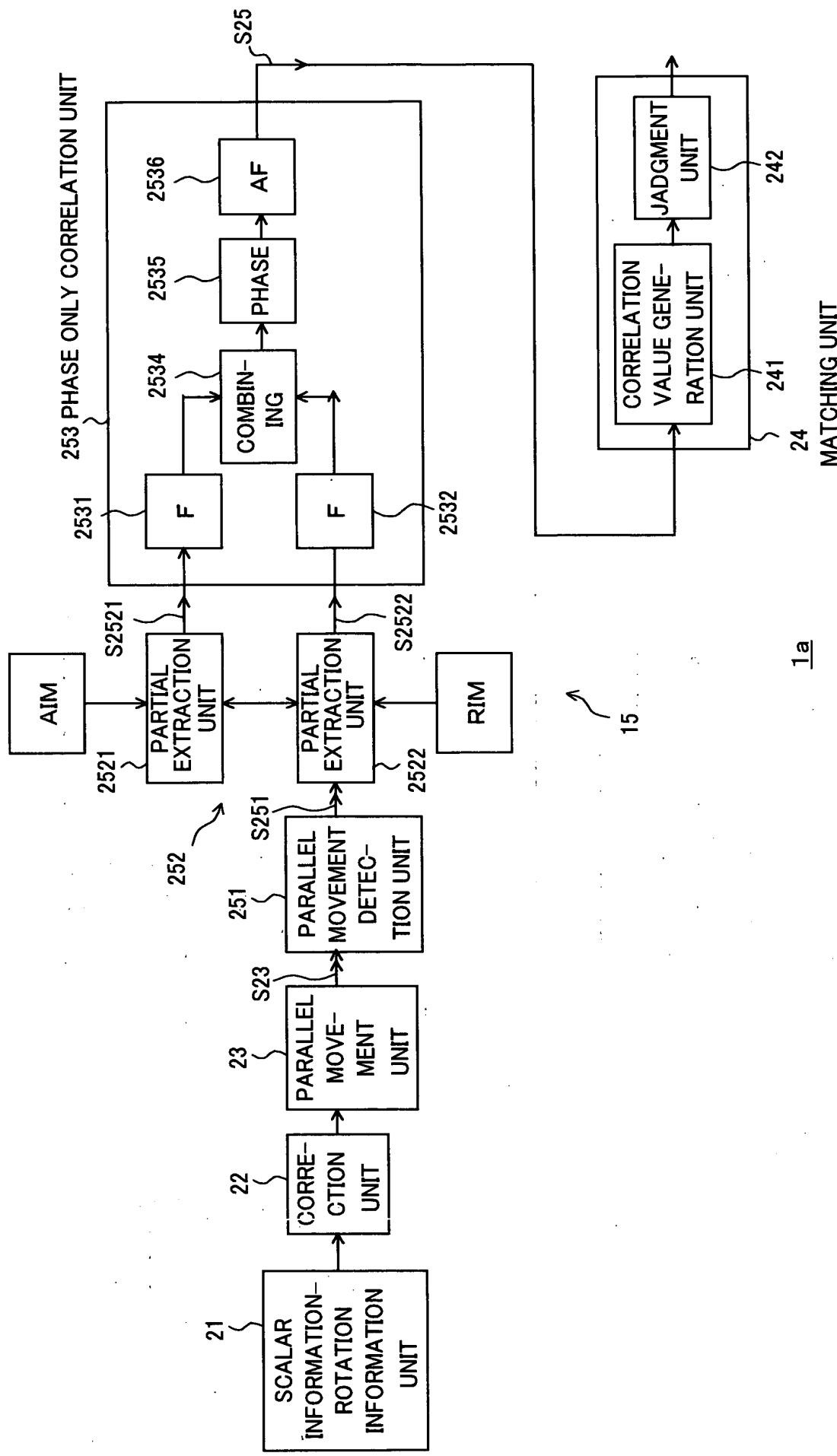


FIG. 12

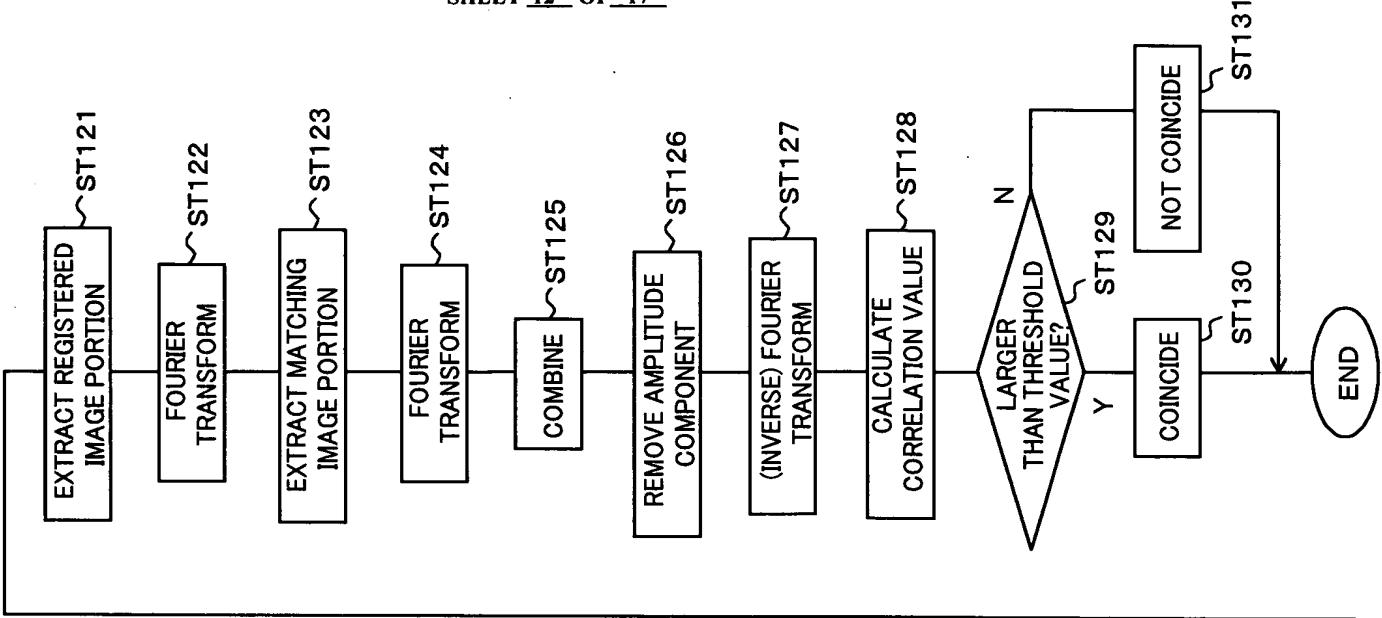
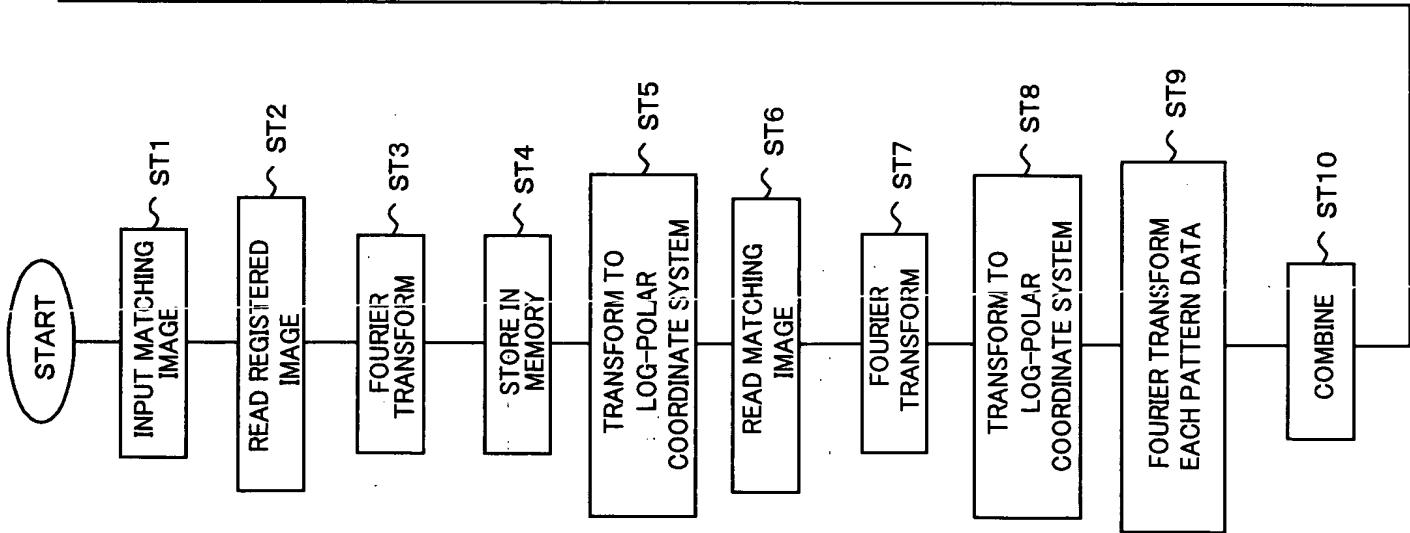


FIG. 13

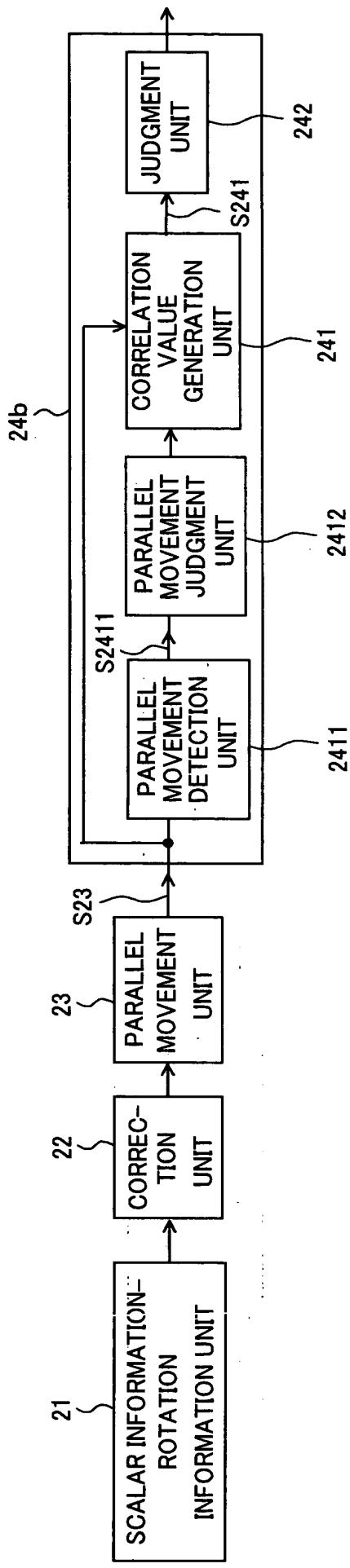


FIG. 14

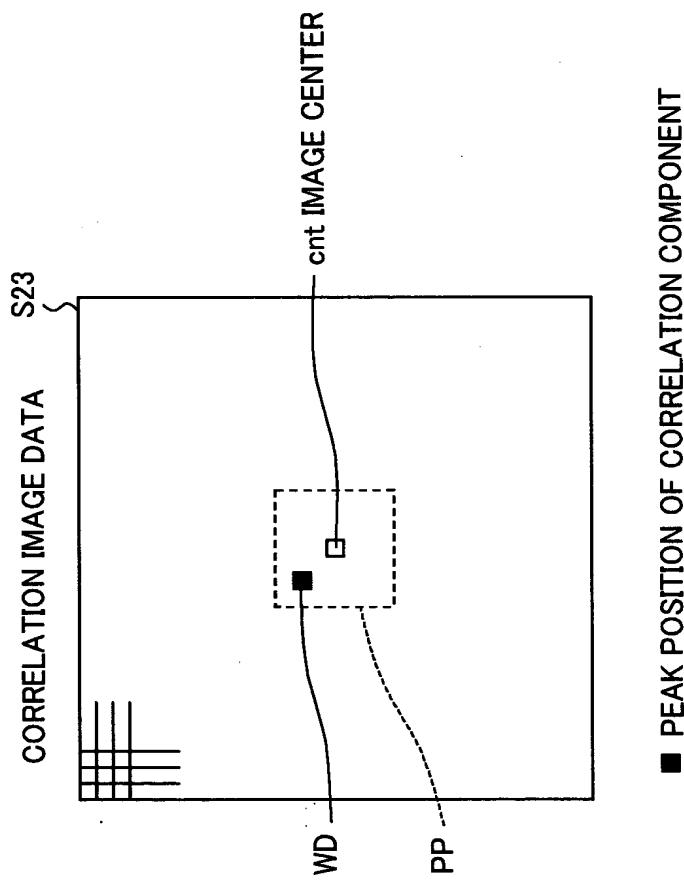


FIG. 15

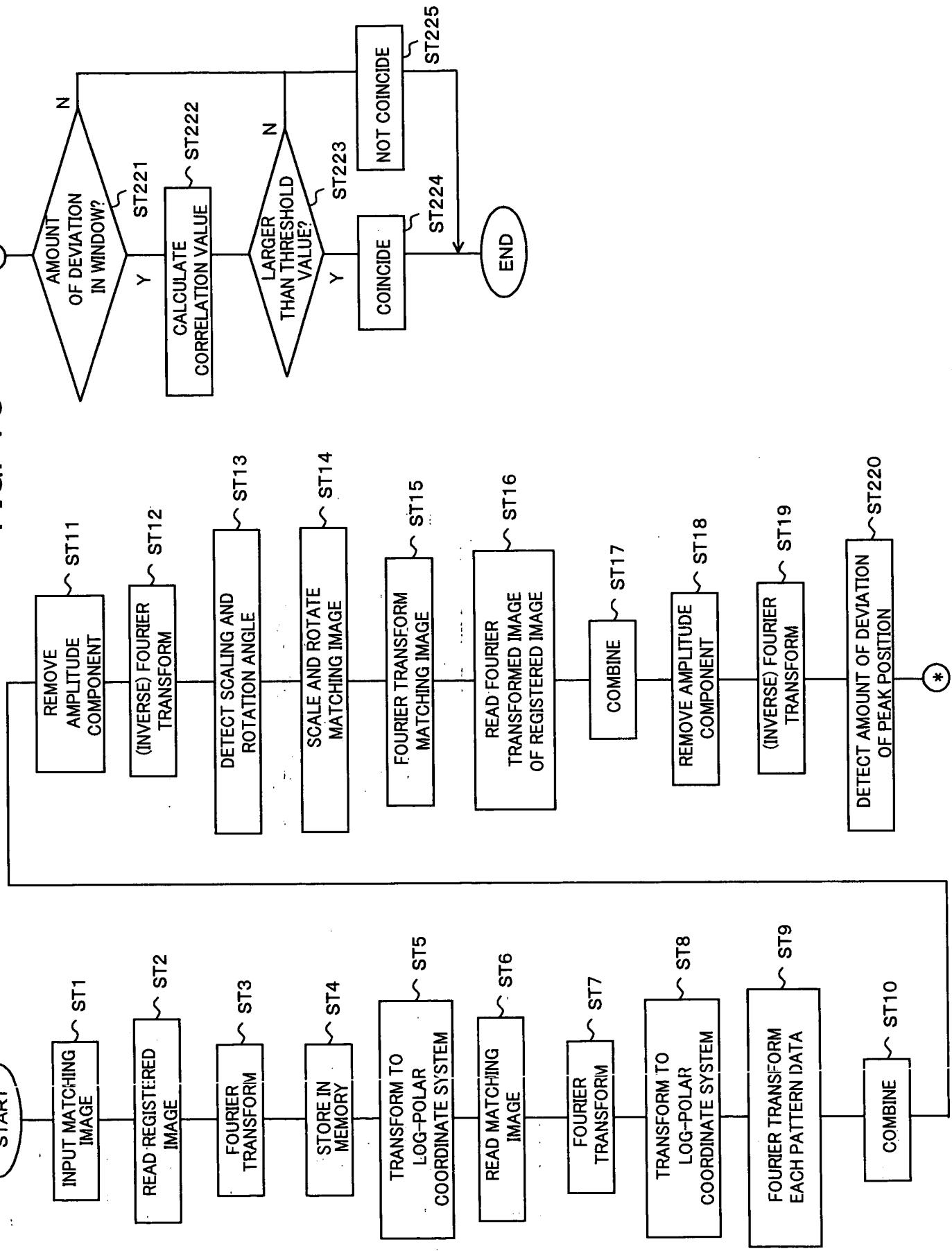


FIG. 16

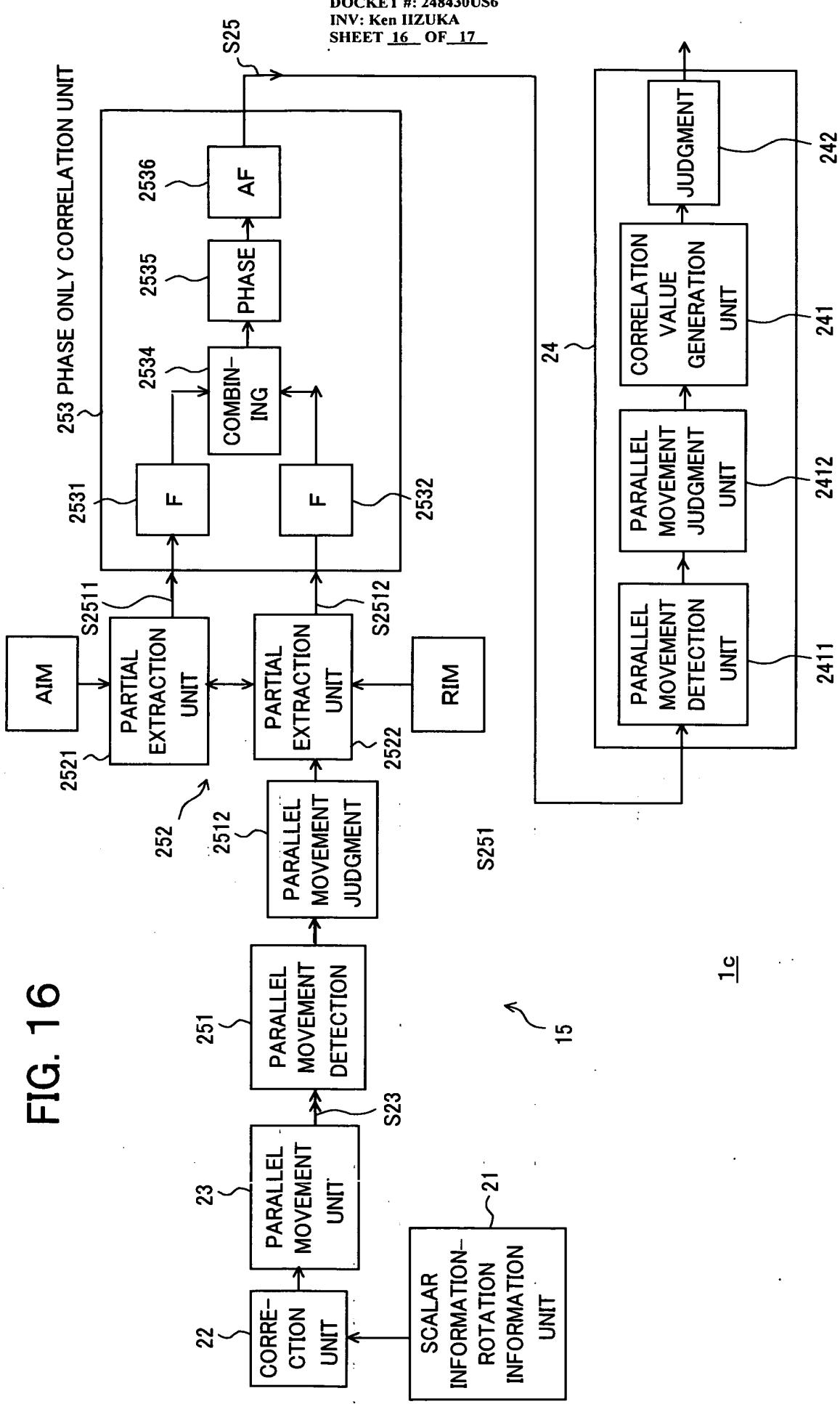


FIG. 17

